



# SADC Adaptation to Climate Change in Rural Areas in Southern Africa (ACCRA) Programme

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## Situation analysis SADC region

- SADC region is extremely **vulnerable** to the effects of climate change
- Agriculture sector most affected, whereby **70%** of the region's population depend on agriculture for food, income and employment
- **Extreme weather events** like floods and droughts are increasing as well as average temperatures
- Already low yields are decreasing, heavily impacting on **regional food security**





## Situation analysis – SADC region II

- **Regional drought disaster** declared in July 2016
  - **Cereal deficit of 9,3 mio tons**
  - **643.000 cattle perished**
  - **Food insecure population increased by 31% to 40 mio people**
- **2017-2018 season**
  - **Erratic/poorly distributed rainfall** throughout large parts of SADC – dry spell/above-normal temperatures after crop establishment, followed by late above-normal rainfall
  - Significant **reduction of agricultural production** expected, with negative consequences on **food security** for many households expected





## Implementing partner: CCARDESA

- Centre for Coordination of Agricultural Research and Development for Southern Africa
- SADC subsidiary organisation established in 2011 by the 15 SADC Member States
- Mandate to coordinate agricultural research and development
- Focus on farmer empowerment and market access, agric. research and technology generation, and farmer demand-driven advisory services
- Strong mandate for regional agricultural knowledge brokerage
- CCARDESA has been mandated to build and operate a regional information, communication and knowledge management (ICKM) system





## SADC programme „Adaptation to Climate Change in Rural Areas in Southern Africa“ - ACCRA

**ACCRA objective:** *CCARDESA has increased the capacities of the SADC member states to integrate climate change aspects into agricultural programmes and investments*

The ACCRA programme focuses on :

- 1) Regional knowledge dissemination on climate change adaptation in agriculture and climate smart agriculture**
- 2) Climate proofing of priority agricultural value chains**





## (A) Regional knowledge dissemination on climate smart agriculture

### Key activities

- Strengthening the **CCARDESA ICKM system** and the CCARDESA ICKM community of practice
- **Disseminating knowledge products** on climate relevant topics in agriculture
- **Developing user friendly knowledge products** on:
  - Climate smart **best practices** and technologies, **climate information** for agriculture, **climate financing** arrangements for adaptation





## (A) Continued

- **Developing capacity** of CCARDESA and SADC member states for:
  - Design and implementation of **training** measures, workshops and exchange visits (e.g. CCAA/CSA, Accessing Finance, Proposal Writing)
  - **Climate proofing** of policies, strategies, programmes and investments
  - Information and modes of **access to finance**, i.e. international climate funds, development banks and private sector





# CCARDESA - SAAIKS – Southern African Agricultural Information and Knowledge System **SAAIKS.NET**

## Why another platform?

- SADC hungers for quality information (*who is doing what, where, etc.*)
- Information gathering dust on shelves and not shared

## SAAIKS

- Online platform hosted by CCARDESA for all 15 SADC states – trilingual
- Driven by a team of focal people in SADC-MS and knowledge volunteers
- One stop shop for regional agric. knowledge products – over 600 products shared to date
- Harnesses willingness to share and learn – open access, all SADC member states can up- and download information
- Interoperability with existing platforms – what we don't have we link to





## (B) Climate Proofing Agricultural Value Chains

### Key activities

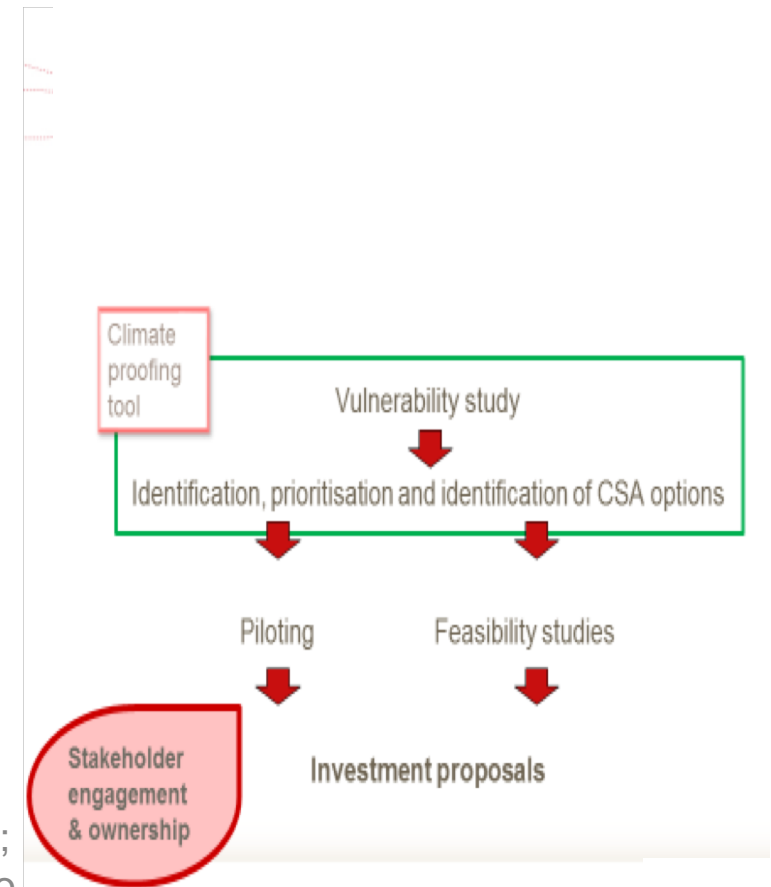
- **Capacity development** of SADC member state institutions (government, private sector, civil society and research) to:
  - Identify **climate risks** and **vulnerabilities** for agricultural products and risk mitigation potentials
  - Identify and **prioritise climate smart best practices** and technologies for adaptation
  - Carry out **piloting** and **feasibility studies** to document evidence for benefits and impacts of climate smart investments
  - Develop **investment proposals** for up-scaling of climate smart agriculture practices and technologies
- Support CCARDESA in:
  - strengthening strategic partnerships for designing and implementing climate-smart programmes and investments
  - intensifying contacts with potential financiers





## (B) Achievements to date

- 1. Selection of priority agricultural value chains:**  
maize, sorghum, rice, livestock
- 2. Project development and implementation**
  - Climate proofing of the maize value chain in Malawi, Zambia and Zimbabwe
    - Partners: ZARI Zambia (Lead); CIMMYT (execution); MoA – MACHINGA ADD Malawi; Agritex Zimbabwe; Total Land Care Malawi
  - Climate proofing of the sorghum value chain in Lesotho and Botswana
    - Partners: MoA DAR Lesotho (Lead); MoA DAR Botswana; Rural Self Help Development Association (RSDA) Lesotho; National University of Lesotho





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